

CHEM 429. CHEMISTRY OF ENERGY, STORAGE AND UTILIZATION.

Credits: 3

Offered by: Chemistry (Faculty of Science)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

Description

Energy consumption and human development; green house gases; primary and secondary sources of energy, fuels vs. electricity; energy transport and storage; fossil fuels; nuclear energy; fusion and fission; bioenergetics, natural and artificial photosynthesis; novel materials; nanocomposites; photochemistry; electrochemistry; photovoltaics and batteries; fuel cells; catalysis and biomass.

- Prerequisites: CHEM 212; CHEM 223 and CHEM 243; or CHEM 213 and CHEM 273; or CHEM 204 or CHEM 203; or permission of instructor
- Restriction: Not open to students who have taken CHEM 319.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

[Launch Visual Schedule Builder](#)